

LAKE: DEEP P
TOWN: T04 R09 WELS
COUNTY: PISCATAQUIS

MIDAS: 9616
TRUE BASIN: 1
SAMPLE STATION: 1

WHOLE LAKE INFORMATION

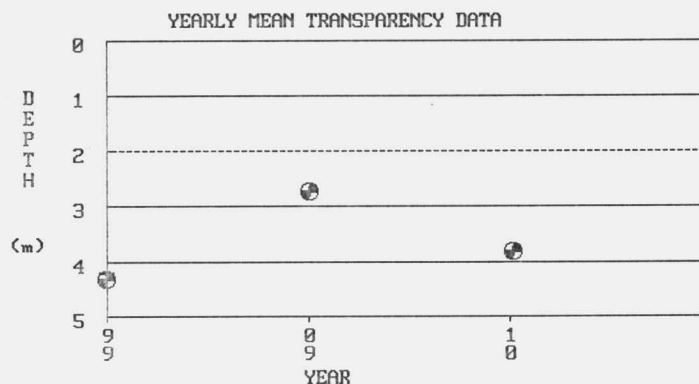
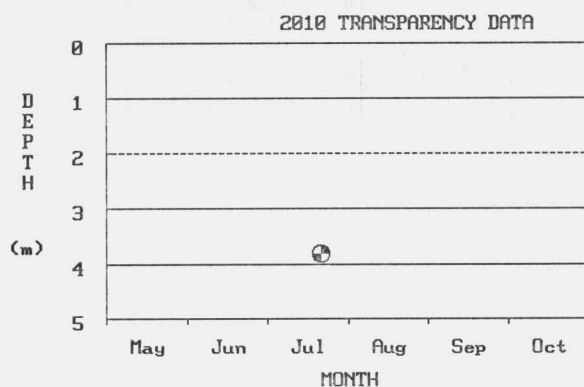
MAX. DEPTH: 6 m. (20 ft.)
MEAN DEPTH: 3 m. (9 ft.)
DELORME ATLAS #: 51
USGS QUAD: WASSATAQUOIK LAKE
IFW REGION F: Penobscot (Enfield)
IFW FISH. MANAGMENT: Coldwater

TRUE BASIN CHARACTERISTICS

SURFACE AREA: ~3.0 ha. (7.4 a.)
FLUSHING RATE: ~3.57 flushes/yr.
VOLUME: ~59776.5 cu. m. (48 ac.-ft.)
DIRECT DRAINAGE AREA: ~0.31 sq. km. (0.12 sq. mi.)

PLEASE NOTE THE FOLLOWING: The SAMPLE STATION # refers to the location sampled. The term TRUE BASIN is used to define areas within a lake that are separated by shallow reefs or shoals and therefore function as separate lakes. There are approximately 50 lakes in the state that have more than 1 True Basin. True Basin Characteristics are now being included in the first section of these reports to enable users of the Phosphorous Loading Methodology to better evaluate the data. If there is no data for a particular True Basin, True Basin Characteristics must be obtained from the DEP. DEEP P has 1 True Basin.

SECCHI DISK TRANSPARENCY GRAPHS:



Note: 2010 graphs may indicate multiple readings taken on a given day.

SUMMARY OF CHEMICAL AND TROPHIC STATE PARAMETERS:

[* indicates that Secchi disk was visible at bottom of lake (or one reading used in calculation was visible)].

YEAR	MEAN	MEAN	MEAN	MEAN	TOTAL PHOS. MEANS (ppb)				SECCHI DISK (m.)				CHLOROPHYLL A(ppb)			TROPHIC STATE INDICES			
	COLOR	pH	ALK	COND.															
	(SPU)		(mg/l)	(uS	EPI	SURF	BOT.	PRO.	MIN.	MEAN	MAX.	N	MIN.	MEAN	MAX.	C	G	SEC	CHL
1999	22	6.00	5.7	11	-	7	24	-	4.2	4.3	4.3	1	-	-	-	-	-	-	-
2009	-	-	-	-	11	-	-	-	2.7	2.7	2.7	1	2.8	2.8	2.8	-	-	-	-
2010	-	-	-	-	-	8	-	-	3.8*	3.8*	3.8*	1	1.8	1.8	1.8	-	-	-	-
SUMMARY:	22	6.00	5.7	11	11	8	24	-	2.7	3.6*	4.3	3	1.8	2.3	2.8	-	-	-	-

LATE SUMMER TEMPERATURE / DISSOLVED OXYGEN PROFILES:

SAMPLE DATE		
DEPTH	08/02/99	
m	°C	ppm
0.0	24.0	7.4
1.0	24.0	7.2
2.0	22.0	6.6
3.0	17.0	6.2
4.0	13.0	1.3

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LATE SUMMER TEMPERATURE / DISSOLVED OXYGEN PROFILES:

SAMPLE DATE

DEPTH 08/02/99

100cm °C ppm

200cm 12.0 0.7

300cm

400cm

500cm

600cm

700cm

800cm

900cm

1000cm

1100cm

1200cm

1300cm

1400cm

1500cm

1600cm

1700cm

1800cm

1900cm

2000cm

2100cm

2200cm

2300cm

2400cm

2500cm

2600cm

2700cm

2800cm

2900cm

3000cm

3100cm

3200cm

3300cm

3400cm

3500cm

3600cm

3700cm

3800cm

3900cm

4000cm

4100cm

4200cm

4300cm

4400cm

4500cm

4600cm

4700cm

4800cm

4900cm

5000cm